

## WHAT IS CLAIMED IS:

1. A portable high-hat cymbal device, for operation with a drum comprising:

a) first and second cymbals held in opposed formation near the rim of the drum,  
5 said cymbals centrally supported on a vertical spindle with said first cymbal in fixed location above said second cymbal;

b) a first collar, slidably received on said vertical spindle, supporting said second cymbal in biased contact with said first cymbal; and,

c) a first means, partially spaced-apart from said spindle and operable by motion  
10 of an arm of the drummer, to move said second cymbal downward on said spindle, against said bias pressure, so that, upon release of said pressure by the drummer's arm, said bias pressure moves said second cymbal abruptly upward to crash against said first cymbal to make the appropriate high-hat sound.

2. The portable high-hat cymbal device of Claim 1 where each said first and  
15 second cymbals are of the same outside diameter.

3. The portable high-hat cymbal device of Claim 1 where each said first and second cymbals are of the same outside diameter, have a generally flat annular rim portion leading inward through a sloping intermediate portion to a flat, recessed circular

center portion and are in facing arrangement with their flat annular rims closest to each other.

4. The portable high-hat cymbal device of Claim 1 where said first cymbal is fixed  
5 tightly to said vertical spindle.

5. The portable high-hat cymbal device of Claim 4 where said first cymbal is centrally supported on said vertical spindle and sandwiched between a pair of felt washers.

6. The portable high-hat cymbal device of Claim 5 further including:

10 a) a cylindrical member having an inside diameter sufficient to allow passage therethrough of said vertical spindle;

b) second means for clamping said second cylindrical member in slidable arrangement to said vertical spindle; and,

15 c) third means, received on the outside of said vertical spindle, for receiving a pair of felt washers in centralized location thereon to aid in clamping said second cymbal therebetween.

7. The portable high-hat cymbal device of Claim 1 wherein said first means, for

supporting said second cymbal in biased contact with said first cymbal, comprises:

- a) a first collar, for slidingly supporting said second cymbal on said vertical spindle;
- b) a second collar, spaced below said first collar and in fixed connection with said vertical spindle; and,
- c) a spring located between said first and said second collar to hold said first collar in biased position above said second collar.

8. The portable high-hat cymbal device of Claim 7 wherein said spring is a cylindrically wound spring of an inside diameter sufficient to fit over said vertical spindle and abut said first and said second collars.

9. The portable high-hat cymbal device of Claim 1 wherein said first means, to move said second cymbal downward on said spindle, comprises:

- a) a block including a first contact surface;
- b) an arm, pivotally mounted with respect to said block, and including a second contact surface adapted to move toward and away from said first contact surface during pivotal movement of said arm with respect to said block;
- c) said arm further including a portion extending from said pivotal mounting adapted for contact and movement by the drummer to cause said first and second cymbals

to move apart; and,

d) a cable passing between said arm and said block to transmit pivotal movement of said arm to vertical movement of said first collar second cymbal.

10. The portable high-hat cymbal device of Claim 9 wherein said cable is  
5 sheathed.

11. The portable high-hat cymbal device of Claim 10 wherein said sheath is terminally mounted in said block and said second collar.

12. A combination of a portable high-hat cymbal device and a marching drum comprising:

10 a) drum including a drum cylinder terminated at least on one end by a circular rim and having a drum head stretched thereover to create a drum noise when struck by a drum stick operated by a drummer;

b) first and second cymbals held in opposed formation near said rim of said drum and sufficiently close to the drummer for contact by drumsticks held in the hands of the  
15 drummer, said cymbals centrally supported on a vertical spindle attached to said drum, with said first cymbal in fixed location above said second cymbal;

c) a collar, supporting said second cymbal in biased contact with said first cymbal,

and slidingly received on said vertical spindle; and,

d) first means, spaced apart from said spindle and operable by motion of an arm of the drummer, to move said second cymbal downward on said spindle, against said bias pressure, so that, upon release by the drummer of said first means, said bias pressure  
5 moves said second cymbal abruptly upward to crash against said first cymbal to make the appropriate high-hat sound.

13. The combination of a portable high-hat cymbal device and marching drum of Claim 12 where each said first and second cymbals are of the same outside diameter, have a generally flat annular rim portion leading inward through a sloping intermediate portion  
10 to a flat, recessed circular center portion and are in facing arrangement with their flat annular rims closest to each other.

14. The combination of a portable high-hat cymbal device and marching drum of Claim 12 where said first cymbal is fixed tightly to said vertical spindle.

15 15. The combination of a portable high-hat cymbal device and marching drum of Claim 12 where said first cymbal is centrally supported on said vertical spindle and sandwiched between a pair of felt washers.

16. The combination of a portable high-hat cymbal device and marching drum of Claim 15 further including:

a) a cylindrical member having an inside diameter sufficient to allow passage therethrough of said vertical spindle;

5        b) second means for clamping said second cylindrical member in slidable arrangement to said vertical spindle; and,

c) third means, received on the outside of said vertical spindle, for receiving a pair of felt washers in centralized location thereon to aid in clamping said second cymbal therebetween.

10        17. The combination of a portable high-hat cymbal device and marching drum of Claim 12 wherein said abutment, for supporting said second cymbal in biased contact with said first cymbal, comprises:

a) a first collar, for slidably supporting said second cymbal on said vertical spindle;

15        b) a second collar, spaced below said first collar and in fixed connection with said vertical spindle; and,

c) a spring located between said first and said second collar to hold said first collar in biased position above said second collar.

18. The combination of a portable high-hat cymbal device and marching drum of Claim 17 wherein said spring is a cylindrically wound spring of an inside diameter sufficient to fit over said vertical spindle and abut said first and said second collars.

19. The combination of a portable high-hat cymbal device and marching drum of Claim 12 wherein said first means, to move said second cymbal downward on said spindle, comprises:

- a) a block mounted to said drum and including a first contact surface;
- b) an arm, pivotally mounted with respect to said block, and including a second contact surface adapted to move toward and away from said first contact surface during pivotal movement of said arm with respect to said block;
- c) said arm further including a portion extending from said pivotal mounting adapted for contact and movement by the drummer to cause said first and second cymbals to move apart; and,
- d) a cable passing between said arm and said block to transmit pivotal movement of said arm to vertical movement of said first collar second cymbal.

20. The portable high-hat cymbal device of Claim 19 wherein said cable is sheathed.